

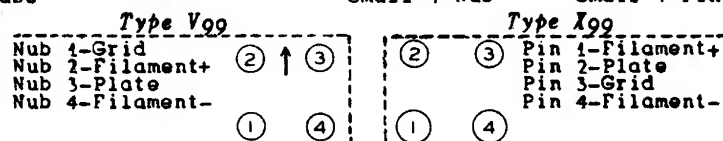


RCA-V99, RCA-X99

DETECTOR, AMPLIFIER

99

Filament	V99-Thoriated Tungsten	X99-Coated
Voltage	3.0 - 3.3	d-c volts
Current	0.060 - 0.063	amp.
Direct Interelectrode Capacitances:		
Grid to Plate	3.3	μuf
Grid to Filament	2.5	μuf
Plate to Filament	2.5	μuf
	Type V99	Type X99
Maximum Overall Length	3-1/2"	4"
Maximum Diameter	1-1/16"	1-3/16"
Bulb	T-8	T-8
Base	Small 4-Nub	Small 4-Pin



BOTTOM VIEWS

AMPLIFIER (Class A)

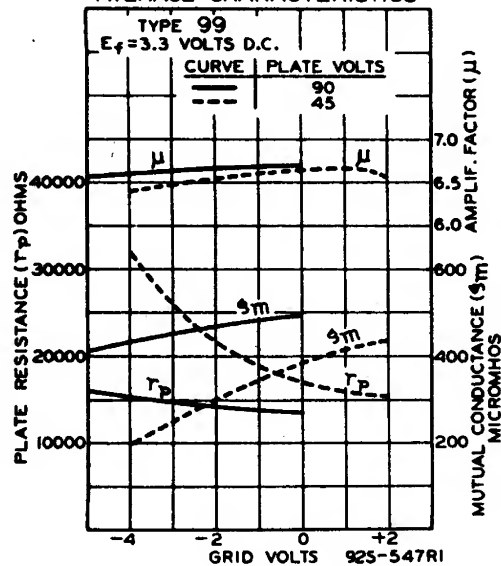
Operating Conditions and Characteristics:

Filament	3.3	d-c volts
Plate	90 maximum	volts
Grid	-4.5	volts
Amp. Fact.	6.6	
Plate Res.	15500	ohms
Mut. Cond.	425	μmhos
Plate Cur.	2.5	ma.

DETECTOR

Typical Operation:	Biased	Grid-Leak	
Filament	3.3	3.3	d-c volts
Plate	90 max.	45	volts
Grid	-10.5 approx.	Return to (+)Fil.	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal	-	
Grid Leak	-	0.25 to 5	megohms
Grid Condenser	-	0.00025	μf

AVERAGE CHARACTERISTICS



MAY 1, 1935

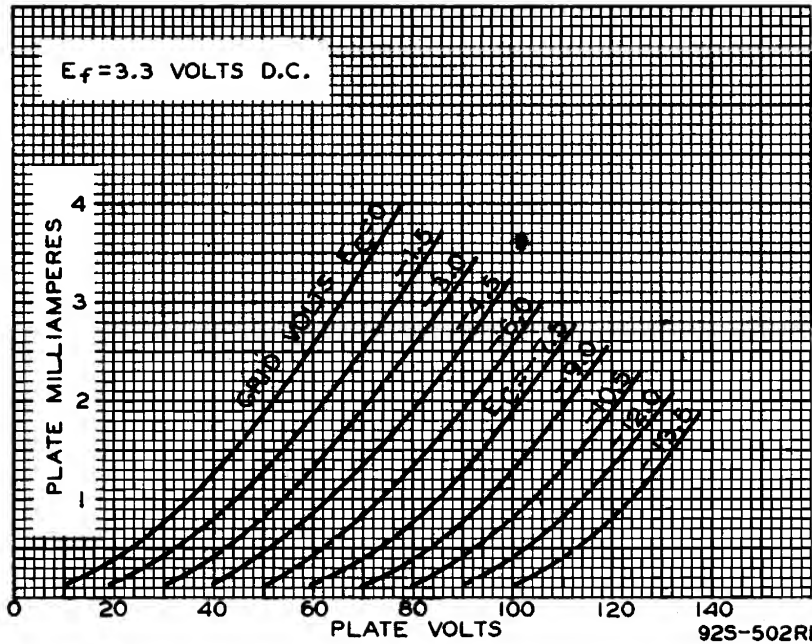
RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

DATA

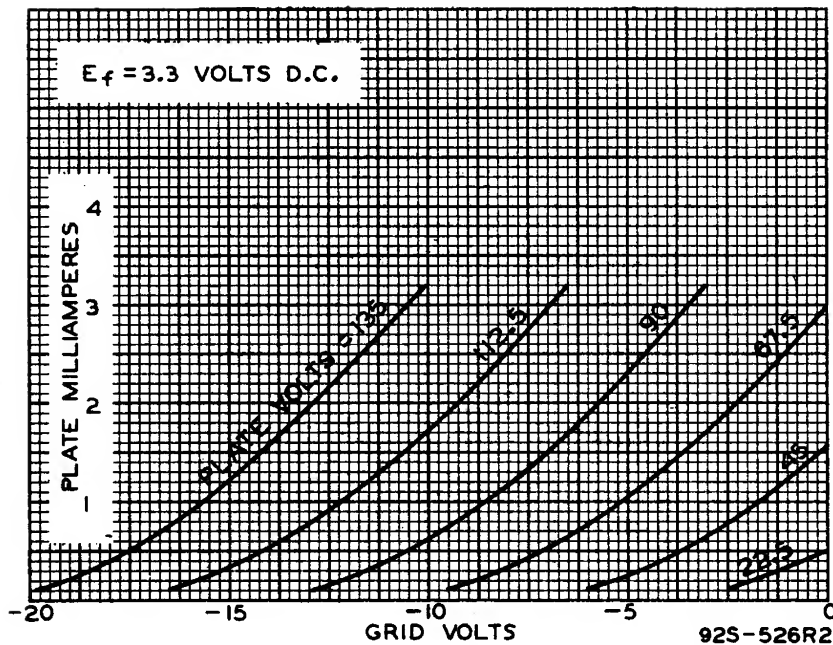
99

Cunningham Radiotron
RCA-V99, RCA-X99

AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS



APR. 1, 1935

RCA RADIORON DIVISION
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